

Title (en)

COMPOSITION AND METHOD FOR GERMINATIVE COMPOUNDS IN PROBIOTIC FOOD AND BEVERAGE PRODUCTS FOR HUMAN CONSUMPTION

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN FÜR KEIMBILDENDE VERBINDUNGEN IN PROBIOTISCHEN LEBENSMITTEL- UND GETRÄNKEPRODUKTEN FÜR DEN MENSCHLICHEN VERZEHR

Title (fr)

COMPOSITION ET PROCÉDÉ POUR DES COMPOSÉS GERMINATIFS DANS DES PRODUITS ALIMENTAIRES ET DES BOISSONS PROBIOTIQUES POUR LA CONSOMMATION HUMAINE

Publication

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Application

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Abstract (en)

[origin: WO2019090065A1] A composition and method for activating probiotic spores in food and beverage products, such as steeped teas, coffee, soups, and sauces. A nutrient-germinant composition comprises one or more L-amino acids, optionally one or more buffers to maintain the pH of the composition when added to water in a range of around 6-8, optionally D-glucose, D-fructose, or both D-glucose and D-fructose, and optionally, an osmoprotectant. The nutrient-germinant composition, one or more species of Bacillus spores, and a food or beverage product may be pre-mixed in any combination. Water is added to the mixture and heated to a temperature range of 42 to 100 °C to germinate the probiotic spores prior to being consumed.

IPC 8 full level

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